Amendments to the claims:

1. (Previously presented) An isolated soluble Apo-2 ligand polypeptide comprising amino acid residues 91-281 of Figure 1A (SEQ ID NO:1).

2. (Canceled)

3. (Currently amended) An isolated soluble Apo-2 ligand polypeptide consisting of amino acid residues 91-291 281 of Figure 1A (SEQ ID NO:1).

4-17. (Canceled)

- 18. A composition comprising the Apo-2 ligand polypeptide of claim 1 and a carrier.
- 19. A composition useful for stimulating mammalian cell apoptosis comprising an effective amount of the Apo-2 ligand polypeptide of claim 1 in a pharmaceutically-acceptable carrier.

20-21. (Canceled)

22. The Apo-2 ligand polypeptide of claim 1 wherein said polypeptide comprises an N-terminal methionine residue.

23-24. (Canceled)

25. A composition for stimulating or inducing mammalian cancer cell apoptosis comprising a carrier and an effective amount of Apo-2 ligand consisting of amino acid residues 91-281 of SEQ ID NO:1.

26. (Canceled)